

P19741.A07



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Marco SCHNEIDER

Group Art Unit: 2665

Appl No : 09/633,865

Examiner: Thomas Volper

Filed : August 7, 2000

For : MULTISERVICE USE OF NETWORK CONNECTION CAPABILITY  
UNDER UNI SIGNALING

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
U.S. Patent and Trademark Office  
220 20th Street S.  
Customer Window, Mail Stop \_\_\_\_\_  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

**RECEIVED**

AUG 24 2004

Technology Center 2600

Sir:

In accordance with the duty of disclosure under 37 C.F.R. §1.56, §1.97-1.98, and supplemental to the Information Disclosure Statements filed November 5, 2002 and November 8, 2000, in the instant application, Applicant hereby calls the following documents to the Examiner's attention:

U.S. Patent No. 6,028,933 to HEER et al., issued on February 22, 2000;

U.S. Patent No. 6,032,118 to TELLO et al., issued on February 29, 2000;

U.S. Patent No. 6,035,405 to GAGE et al., issued on March 07, 2000;

U.S. Patent No. 6,073,160 to GRANTHAM et al., issued on June 06, 2000;

U.S. Patent No. 6,345,048 to ALLEN Jr. et al., issued on February 05, 2002;

U.S. Patent No. 6,219,348 to ALLEN Jr. et al., issued on April 17, 2001;

08/23/2004 EABUBAK1 00000001 09633865

01 FC:1806

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U.S. Patent No. 6,389,011 to ALLEN Jr. et al., issued on May 14, 2002;  
U.S. Patent No. 5,920,562 to CHRISTIE et al., issued on July 06, 1999;  
U.S. Patent No. 5,923,740 to ITO et al., issued on July 13, 1999;  
U.S. Patent No. 5,974,048 to GODSE et al., issued on October 26, 1999;  
U.S. Patent No. 5,991,301 to CHRISTIE et al., issued on November 23, 1999;  
U.S. Patent No. 5,999,514 to KATO et al., issued on December 07, 1999;  
U.S. Patent No. 6,028,924 to RAM et al., issued on February 22, 2000;  
U.S. Patent No. 5,953,338 to MA et al., issued on September 14, 1999;  
U.S. Patent No. 5,956,334 to CHU et al., issued on September 21, 1999;  
U.S. Patent No. 5,999,532 to TERASAKI et al., issued on December, 1999;  
U.S. Patent No. 6,094,437 to LEOHNDORF et al., issued on July 25, 2000;  
U.S. Patent No. 6,097,720 to ARAUJO et al., issued on August 01, 2000;  
U.S. Patent No. 6,118,785 to ARAUJO et al., issued on September 12, 2000;  
U.S. Patent No. 6,141,339 to KAPLAN et al., issued on OCTOBER 31, 2000;  
U.S. Patent No. 6,169,735 to ALLEN Jr. et al., issued on January 02, 2001;  
U.S. Patent No. 6,229,810 to GERSZBERG et al., issued on May 08, 2001;  
U.S. Patent No. 5,274,643 to FISK, issued on December 28, 1993;  
U.S. Patent No. 5,828,838 to DOWNS et al., issued on October 27, 1998;  
U.S. Patent No. 6,167,432 to JIANG, issued on December 26, 2000;  
U.S. Patent No. 6,181,693 to MARESCA, issued on January 30, 2001;  
U.S. Patent No. 6,222,842 to SASYAN et al., issued on April 24, 2001;

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U.S. Patent No. 6,252,857 to FENDICK et al., issued on June 26, 2001;

U.S. Patent No. 6,345,051 to GUPTA et al., issued on February 05, 2002;

U.S. Patent No. 6,366,948 to TEIBEL, issued on April 02, 2002;

U.S. Patent No. 6,473,427 to BRODIGAN, issued on October 29, 2002;

U.S. Patent No. 6,529,479 to SUZUKI, issued on March 04, 2003;

U.S. Patent No. 5,999,518 to NATTKEMPER et al., issued on December 07, 1999;

U.S. Patent No. 6,148,074 to MIOSLAVSKY et al., issued on November 14, 2000;

U.S. Patent No. 6,292,495 to VON HAMMERSTEIN et al., issued on September 18, 2001;

U.S. Publication No. 2002/0010866 A1 to MCCULLOUGH et al., published on January 24, 2002;

U.S. Publication No. 2002/0143959 A1 to EL-BAZE et al., published on October 03, 2002;

U.S. Publication No. 2002/0150110 A1 to INBAR et al., published on October 17, 2002; Japanese Patent Publication No. 8-186580 A2 to Toshiba Corp., published on July 16, 1996, together with an English Language Abstract of JP 8-186580;

European Patent Application No. 01958862.3, filed on August 6, 2001, which was published on June 04, 2003, pub. No. EP 1316177, and which is equivalent to WO 02/012977 (below);

European Patent Application No. EP 0 961 519 A2, published on December 01, 1999; WO 00/62496, published on October 19, 2000;

International Patent Application No. PCT/US01/21131, published on February 14, 2002,

P19741.A07

Pub. No. WO 02/12977;

International Patent Application No. PCT/US02/19819, published on January 30, 2003,

Pub. No. WO 03/009528 A1;

Cnfport: Configure Port – PXM1E”, Cisco MGX 8830, MGX 8850 (PXM45 and PXM1E),  
and MGX 8950 Command Reference, Release 3, Part No. 78-14789-01 Rev. B0, January 2003, page  
2-299;

“dspprt: Display Port-PXM1E”, Cisco MGX 8830, MGX 8850 (PXM45 and PXM1E), and  
MGX 8950 Command Reference, Release 3, Part No. 78-14789-01 Rev. B0, January 2003, page 2-  
749;

“Ipsilon’s General Switch Management Protocol Specification: The Internet Society, 1998”,  
version 2, by NEWMAN et al., The Internet Society, Network Working Group, 1998, ppl-79;

Yager, C., “White Paper: Cisco Asymmetric Digital Subscriber Line Services Architecture”,  
Cisco Systems, published on July 03, 2000;

“SIP Extensions for Media Authorization,” by W. Marshall et al., dated February 2001, pages  
1-23, <draft-ietf-sip-call-auth-01.txt>;

“SIP Extensions for Media Authorization,” by W. Marshall et al., dated November 2000,  
pages 1-25, <draft-ietf-sip-call-auth-00.txt>;

Printout of a website entitled “Abstract – Security For Asynchronous Transfer Mode (ATM)  
Networks”, WPI Department of Electrical and Computer Engineering, last modified on April 23,  
1996;

Printout of a website entitled “ATM Security VPN Case Study”, by Winkelstein, Celotek

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Corporation;

CLARK et al., "Bandwidth-on-Demand Networks – A Solution to Peer-to-Peer File Sharing",

BT Technology Journal, vol.20, no.1, January, 2002, pages 53-63;

LOESER at al., "Distributed Video on Demand Services on Peer to Peer Basis", 1<sup>st</sup> International Workshop on Real Time LANs in the Internet Age, June 18, 2002, pages 1-4,

[http://www.hurray.isep.ipp.pt/rtlia2002/full\\_paper/20\\_rtlia.pdf](http://www.hurray.isep.ipp.pt/rtlia2002/full_paper/20_rtlia.pdf);

"Efficient Routing of Packets for Multimedia Streams to Packet Streams", IBM Technical Disclosure Bulletin, May, 1994, pages 459-260;

"Method for the Conversion of Multimedia Streams to Packet Streams", IBM Technical Disclosure Bulletin, June, 1994, pages 95-98;

BAUER et al., "The Personal Router", The Eight ACM International Conference on Mobile Computing and Networking, September 23-28, 2002, page 1;

"User Interface Design for Videoconferencing Entries", IBM Technical Disclosure Bulletin, April, 1994, pages 539-540;

CLARK et al., "The Personal Router Whitepaper", MIT Laboratory for Computer Science, Version 2.0, March, 2001, [http://ana.lcs.mit.edu/anaweb/PDF?PR-whitepaper\\_v2.pdf](http://ana.lcs.mit.edu/anaweb/PDF?PR-whitepaper_v2.pdf);

International Preliminary Report dated April 02, 2003, for corresponding International Application No. PCT/US01/21141; and

International Search Report dated January 03, 2003, with respect to corresponding International Application No. PCT/US02/19819.

P19741.A07

Applicant respectfully requests that the Examiner consider the above materials and cite the patent documents. Copies of the above-noted documents are attached and have been listed on a PTO-1449 Form, which is also attached hereto. Accordingly, the Examiner is requested to initial the appropriate spaces on the attached PTO-1449 Form and to return a copy of the Form to Applicant with the next official communication in the present application to confirm consideration of these documents.

Applicant also brings to the Examiner's attention the following copending and commonly assigned patent applications:

U.S. Patent Application No. 09/923,351 to CUNETTO, filed on August 08, 2001, which was published on February 28, 2002, Pub. No. US 2002/0024954 A1;

U.S. Patent Application No. 09/907,606 to ALLEN et al., filed on July 19, 2001, which was published on January 23, 2003, Pub. No. US 2003/0016676 A1;

U.S. Patent Application No. 09/576,036 to ALLEN, Jr. et al., filed on May 23, 2000;

U.S. Patent Application No. 09/705,793 to BI et al., filed on November 06, 2000;

U.S. Patent Application No. 09/927,474 to CUNETTO, filed on August 13, 2001, which was published on February 13, 2003, Pub. No. US 2003/0031184 A1;

U.S. Patent Application No. 09/993,652 to SCHNEIDER et al., filed on November 27, 2001, which was published on June 13, 2002, Pub. No. US 2002/0071427 A1;

U.S. Patent Application No. 10/286,786 to CHEN et al., filed on November 04, 2002;

U.S. Patent Application No. 10/187,374 to CHEN, filed on July 02, 2002;

U.S. Patent Application No. 10/424,767 to CHEN et al., filed on April 29, 2002; and

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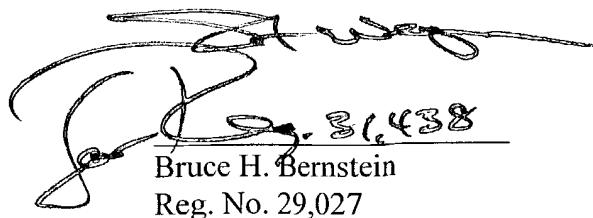
U.S. Patent Application No. 10/369,505 to CHEN et al., filed on February 21, 2003.

In accordance with 37 C.F.R. 1.98 (a)(2)(iii), copies of the above-mentioned applications are attached hereto. The Examiner is also requested to review the file wrapper of each of the U.S. patent applications at the U.S. Patent and Trademark Office. Of course, if for any reason the Examiner cannot locate the applications, Applicant will provide any requested materials, if possible.

Further, Applicant notes that since this Supplemental Information Disclosure Statement is being submitted subsequent to the issuance of an Office Action on the merits, Applicant has included herewith a check in the amount of \$180.00 to cover the fee set forth in 37 C.F.R. 1.17 (p). However, the Commissioner is hereby authorized to charge payment of any necessary additional fees associated with this communication or credit any overpayment to Deposit Account No. 19-0089.

Should the Examiner have any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully submitted,  
Marco SCHNEIDER



31,438  
Bruce H. Bernstein  
Reg. No. 29,027

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Reston, VA 20191  
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)							U.S. Department of Commerce		Atty. Docket No.		Application No.		
							Patent and Trademark Office		P19741		09/633, 865		
							Applicant		Marco SCHNEIDER et al				
							Filing Date	Group					
							August 7, 2000	2665		AUG 20 2004			
<b>U.S. PATENT DOCUMENTS</b>													
EXAMINER INITIAL		DOCUMENT NUMBER					DATE	NAME		CL ASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		6	0	2	8	9	3	3	02/22/00	HEER et al.			
		6	0	3	2	1	1	8	02/29/00	TELLO et al.			
		6	0	3	5	4	0	5	03/07/00	GAGE et al.			
		6	0	7	3	1	6	0	06/06/00	GRANTHAM et al.			
		6	3	4	5	0	4	8	02/05/02	ALLEN, Jr. et al..			
		6	2	1	9	3	4	8	04/17/01	ALLEN, Jr. et al..			AUG 24 2004
		6	3	8	9	0	1	1	05/14/02	ALLEN, Jr. et al..			
		5	9	2	0	5	6	2	07/06/99	CHRISTIE et al.			Technology Center 2600
		5	9	2	3	7	4	0	07/13/99	ITO et al.			
		5	9	7	4	0	4	8	10/26/99	GODSE et al.			
		5	9	9	1	3	0	1	11/23/99	CHRISTIE			
		5	9	9	9	5	1	4	12/07/99	KATO			
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		5	9	5	3	3	3	8	09/14/99	MA et al.			
		5	9	5	6	3	3	4	09/21/99	CHU et al.			
		5	9	9	9	5	3	2	12/07/99	TERASAKI			
		6	0	9	4	4	3	7	07/25/00	LOEHNDORF, Jr. et al.			
		6	0	9	7	7	2	0	08/01/00	ARAUJO et al			
		6	1	1	8	7	8	5	09/12/00	ARAUJO et al.			
		6	1	4	1	3	3	9	10/31/00	KAPLAN et al			
		6	1	6	9	7	3	5	01/02/01	ALLEN, Jr. et al..			
		6	2	2	9	8	1	0	05/08/01	GERSZBERG et al			
		5	2	7	4	6	4	3	12/28/93	FISK			
		5	8	2	8	8	3	8	10/27/98	DOWNS et al			
		6	1	6	7	4	3	2	12/26/00	JIANG			
		6	1	8	1	6	9	3	01/30/01	MARESCA			
<b>FOREIGN PATENT DOCUMENTS</b>													
		DOCUMENT NUMBER					DATE	COUNTRY		CLASS	SUBCLASS	TRANSLATION YES NO	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>													
EXAMINER							DATE CONSIDERED						
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.													

U.S. Department of Commerce  
Patent and Trademark Office

INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT  
(Use several sheets if necessary)

Atty. Docket No.  
P19741

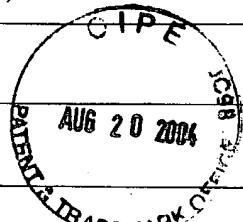
Application No.  
09/633, 865

Applicant  
Marco SCHNEIDER et al

Filing Date  
August 27, 2000

Group  
2665

AUG 20 2004



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CL ASS	SUBCLAS S	FILING DATE IF APPROPRIATE
		6	2	2	2	8	4	2					
		6	2	5	2	8	5	7	06/26/01	FENDICK et al.			
		6	3	4	5	0	5	1	02/05/02	GUPTA et al.			
		6	3	6	6	9	4	8	04/02/02	TEIBEL			
		6	4	7	3	4	2	7	10/29/02	BRODIGAN			RECEIVED
		6	5	2	9	4	7	9	03/04/03	SUZUKI			AUG 24 2004
		5	9	9	9	5	1	8	12/07/99	NATTKEMPER et al.			
		6	1	4	8	0	7	4	11/14/00	MILOSLAVSKY et al.			Technology Center 2600
		6	2	9	2	4	9	5	09/18/01	VON HAMMERSTEIN et al.			
2002	/	0	0	1	0	8	6	6	01/24/02	MACCULLOUGH et al.			
2002	/	0	1	4	3	9	5	9	10/03/02	EL-BAZE et al.			
2002	/	0	1	5	0	1	1	0	10/17/02	INBER et al			
2002	/	0	0	2	4	9	5	4	02/28/02	CUNETTO et al			
2003	/	0	0	1	6	6	7	6	01/23/03	ALLEN et al			
2003	/	0	0	3	1	1	8	4	02/13/03	CUNETTO et al			
2002	/	0	0	7	1	4	2	7	06/13/02	SCHNEIDER et al			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
		8	-	1	8	6	5	8		JAPAN				
		1	3	1	6	1	7	7	06/04/03	E.P.O				
		0	9	6	1	5	1	9	12/01/99	E.P.O				
		0	0	/	6	2	4	9	6	W.I.P.O				
		0	2	/	1	2	9	7	7	02/14/02	W.I.P.O			
0	3	/	0	0	9	5	2	8	01/30/03	W.I.P.O				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1	English Language Abstract of JP-8-186580.
	2	cnfport: Configure Port - PXM1E", Cisco MGX 8830, MGX 8850 (PXM45 and PXM1E), and MGX
		8950 Command Reference, Release 3, Part No. 78-14789-01 Rev. B0, January 2003, page 2-299.

EXAMINER	DATE CONSIDERED

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No.  
P19741

Application No.  
09/633,865

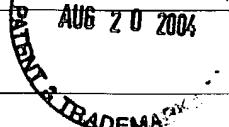
INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT  
(Use several sheets if necessary)

Applicant  
Marco SCHNEIDER et al

Filing Date  
August 7, 2000

Group  
2665

AUG 20 2004



**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLAS	SUBCLASS	FILING DATE IF APPROPRIATE
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**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	3	“dspport: Display Port - PXM1E”, Cisco MGX 8830, MGX 8850 (PXM45 and PXM1E), and MGX 8950 Command Reference, Release 3, Part No. 78-14789-01 Rev. B0, January 2003, page 2-749.				
	4	“Ipsilon’s General Switch Management Protocol Specification: The Internet Society, 1998”, version 2, by NEWMAN et al., The Internet Society, Network Working Group, 1998, pp1-79.				
	5	Yager, C., “White Paper: Cisco Asymmetric Digital Subscriber Line Services Architecture”, Cisco Systems, published on July 03, 2000.				
	6	“SIP Extensions for Media Authorization,” by W. Marshall et al., dated February 2001, pages 1-23, <draft-ietf-sip-call-auth-01.txt>.				
	7	“SIP Extensions for Media Authorization,” by W. Marshall et al., dated November 2000, pages 1-25, <draft-ietf-sip-call-auth-00.txt>.				
	8	Printout of a website entitled “Abstract – Security For Asynchronous Transfer Mode (ATM) Networks”, WPI Department of Electrical and Computer Engineering, last modified on April 23, 1996.				
	9	Printout of a website entitled “ATM Security VPN Case Study”, by Winkelstein, Celotek Corporation.				
1	0	CLARK et al., “Bandwidth-on-Demand Networks – A Solution to Peer-to-Peer File Sharing”, <b>RECEIVED</b> Technology Journal, vol.20, no.1, January, 2002, pages 53-63.				
1	1	LOESER et al., “Distributed Video on Demand Services on Peer to Peer Basis”, 1 <sup>st</sup> International Workshop on Real Time LANs in the Internet Age, June 18, 2002, pages 1-4, <b>RECEIVED</b> <a href="http://www.hurray.isep.ipp.pt/rtlia2002/full_paper/20_rtlia.pdf">Technology Center 2600</a>				
1	2	“Efficient Routing of Packets for Multimedia Streams to Packet Streams”, IBM Technical Disclosure Bulletin, May, 1994, pages 459-260.				
1	3	“Method for the Conversion of Multimedia Streams to Packet Streams”, IBM Technical Disclosure Bulletin, June, 1994, pages 95-98.				
1	4	BAUER et al., “The Personal Router”, The Eight ACM International Conference on Mobile Computing and Networking, September 23-28, 2002, page 1.				
1	5	“User Interface Design for Videoconferencing Entries”, IBM Technical Disclosure Bulletin, April, 1994, pages 539-540;				
1	6	CLARK et al., “The Personal Router Whitepaper”, MIT Laboratory for Computer Science, Version 2.0.; March, 2001, <a href="http://ana.lcs.mit.edu/anaweb/PDF?PR-whitepaper_v2.pdf">http://ana.lcs.mit.edu/anaweb/PDF?PR-whitepaper_v2.pdf</a>				

EXAMINER

DATE CONSIDERED

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